Emission Summary

Source Number: 82-0032-02   Permit Number: <u>970732P</u>

Source Status: New ☒   Modification ☐   Expansion ☐   Relocation ☐   **Permit Status:** New ☐   Renewal ☒

PSD ☐   NSPS ☐   NESHAPs ☐   **Previous Permit Number:** Construction: _____   Operating: _____

| | Pounds/Hour | | | Tons/Year | | | | Date of Data | Applicable Standard 1200-03- |
	Actual	Potential	Allowable	Actual	Potential	Allowable	Net Change		
PM									
SO$_2$									
CO									
VOC									
NO$_x$	*	*	*	*	*	*			07-.07(2)
HF	*	*	*	*	*	*			07-.07(2)

*Emissions (Actual, Allowable, and Potential) Calculations Pending Emissions Performance Testing on the Source

PERMITTING PROGRAM: <u>B. Hall</u>   DATE: <u>12-18-2015</u>

CONSTRUCTION PERMIT SUMMARY REPORT

Company Name: Bristol Metals, LLC   File Number: 82-0032   EPS Initials: BMH

Permit Number(s): 970732P   Source Point Number(s): 02

Application Received (date): August 21, 2015   Application Complete (date): October 28, 2015

Air Quality Analysis Performed? Yes ☐ No ☒

Briefly describe the project: This source consists of three HNO3/HF acid baths for the pickling of steels. The volumes of the tanks are 10,000 gallons (both Tank # 368 and 265) and 3400 gallons ('baby' tank). The maximum acid concentration listed is 10% by mass HNO3 and 4% by mass HF in an aqueous solution. No controls currently exist. Only NOx and HF emissions are expected. An emissions performance test has been prescribed.

RULES ANALYSIS

Title V ☐   Cond. Major ☐   Minor ☒   Source category listed in 1200-03-09-.01(4)(b)1.(i)? Yes ☐ No ☒

Reason for PSD: New source above ____ TPY ☐   Sig. increase in ____ emissions ☐   N/A ☐
Applicable NSPS: 40 CFR Part 60, Subpart ____ ☐   State Rule 1200-3-16-. _____ ☐   N/A ☐
Applicable NESHAP: 40 CFR Part 61, Subpart ____ ☐   State Rule 1200-3-11-. _____ ☐   N/A ☐
Applicable NESHAP: 40 CFR Part 63, Subpart ____ ☐   State Rule 1200-3-31-. _____ ☐   N/A ☐

Other Applicable State Rules

TSP Emissions:	1200-03- ____ ☐ N/A ☒	NOₓ Emissions:	1200-03- 07 -. .07(2) ☒ N/A ☐
SO₂ Emissions:	1200-03- ____ -. ____ ☐ N/A ☒	Lead Emissions:	1200-03- ____ -. ____ ☐ N/A ☒
CO Emissions:	1200-03- ____ -. ____ ☐ N/A ☒	HF Emissions:	1200-03- 07 -. .07(2) ☒ N/A ☐
VOC Emissions:	1200-03- ____ -. ____ ☐ N/A ☒	____ Emissions:	1200-03- ____ -. ____ ☐ N/A ☒

Visible Emissions from   Source   not to exceed   20   % opacity per Method   9   (Rule 1200-03- 05 01(1)

                                                                & Rule 1200-03- 05 .03(6))

Visible Emissions from _____ not to exceed ____ % opacity per Method ____ (Rule 1200-03- _____

Visible Emissions from _____ not to exceed ____ % opacity per Method ____ (Rule 1200-03- _____